

Date: Fri, 4 Mar 94 18:43:44 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #238
To: Info-Hams

Info-Hams Digest Fri, 4 Mar 94 Volume 94 : Issue 238

Today's Topics:

5 by 5...
Getting Coax Seal OFF?
Have a say about ARRL policy
HDN Releases
Madison to Kalamazoo info...
No more FCC Daily Digest postings to rec.radio.amateur.misc
ORBS\$063.MISC.AMSAT
Probable demise of the online repeater directory project
QST review of Dual-Bander HTs
Satellite progs on World
Software for DOS-PC for decoding Morse
SUBSCRIBE

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 28 Feb 94 18:45:26 GMT
From: nprdc!ihnp4.ucsd.edu!swrinde!sgiblab!cs.uoregon.edu!news.uoregon.edu!
netnews.nwnet.net!ns1.nodak.edu!dp1.lib.ndsu.NoDak.edu!gregg@network.ucsd.edu
Subject: 5 by 5...
To: info-hams@ucsd.edu

Ok, here's a trivial question that I don't know the answer to:

Where did the phrase, "I read you five by five." come from and what does it
mean. I know it means good copy, but what specifically does it mean? Does it
come from the early days of radar, of ham radio, of military aviation or what?

XXX

Joe in Fargo wants to know.

Internet: Gregg@Plains.NoDak.edu

Packet: KN0A@W0ILO.#SEND.ND.USA.NOAM

LL: 701-237-8353

The Library

North Dakota State University

Fargo ND

It should be:

"The Gregg Library"

but I have to die first.

Date: 28 Feb 94 17:26:58 GMT

From: nprdc!ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!

howland.reston.ans.net!usenet.ins.cwru.edu!nigel.msen.com!ilium!rcsuna.gmr.com!

kocrsv01!c2xjcb@network.ucsd.edu

Subject: Getting Coax Seal OFF?

To: info-hams@ucsd.edu

In article <2kjnai\$1if8@st6000.sct.edu>, msmith@sct.edu (Matt Smith) writes:

>

> >Can anyone suggest a decent method for taking Coax Seal *off* of a

> >connector? It's a mess, and I'm not sure how to do it.

>

> Well, the ideal thing to do would be to put electrical tape on the connector

> _BEFORE_ you put the coax seal on, but since that's too late... The hasty

> option would be to cut the connector off and put on a new one. If you want

> to save the connector then just get off whatever you can then use the ball

> of that to get the rest off. I hope that Coax Seal is similar to the tar or

> roll of really sticky black or beige stuff that most people use. (Also

> referred to as "Ickum-pucky" (don't ask me)) Otherwise, cut off the

> connector.

I've never tried this, but at it's worst it means that you'll lobe-off
the connector (which is what you were going to do anyway) . . .

Try your standard, run-of-the-mill, \$1.29/12oz can "Carburetor
Cleaner" spray (Gunk, STP, etc.) . . . it is great at dissolving tarry
stuff. 1st get off as much of the Ickum-pucky as possible, then spray
on the carb cleaner; let it sit a while, then wipe-off with a trashy
cloth rag. Repeat until all traces are removed.

The only worry I have is if it will bother the coax jacket any. If it

does, then get your wire-cutter out, other wise you're done.

BTW:

Carb cleaner spray beats ANY commercial insecticide spray (like Raid, etc.) for INSTANTLY killing bees and wasps. I had a wasp bothering me in the garage once; it laughed at the "Raid Flying Insect" spray I blasted at him. He landed on the window, I sprayed him with carb cleaner, and he instantly fell to the floor begging me not to stomp on him (sorry Charlie!). But I digress . . .

--

James C. Bach	Ph: (317)-451-0455	The views & opinions expressed
Advanced Project Engr.	GM-NET: 8-322-0455	herein are mine alone, and are
Powertrain Strategy Grp	Amateur Radio: WY9F	NOT endorsed, sponsored, nor
Delco Electronics Corp.	Just say NO to UNIX!	encouraged by DE or GM.

Date: 28 Feb 94 17:08:34 GMT
From: nprdc!ihnp4.ucsd.edu!sdd.hp.com!saimiri.primate.wisc.edu!kbad.eglin.af.mil!
rpi!psinntp!psinntp!pixar!bruce@network.ucsd.edu
Subject: Have a say about ARRL policy
To: info-hams@ucsd.edu

In response to a "questionable" ARRL decision, I have formed a single-topic discussion list on ARRL policy. Copies of the discussion will be made available to various ARRL officials, to ignore or read as they see fit. This effort is not sponsored or approved by ARRL, although I am an ARRL member and a field organization candidate. The list is open to all.

This will be the only announcement of the list that I make to the usenet. To subscribe, send mail to LISTSERV@pixar.com with this text:

subscribe arrl-policy YOUR-NAME-HERE YOUR-CALLSIGN-HERE

Date: 27 Feb 94 04:27:09 GMT
From: nprdc!ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!gatech!
news.byu.edu!news.kei.com!news.oc.com!utacfd.uta.edu!rwsys!ocitor!
FredGate@network.ucsd.edu
Subject: HDN Releases
To: info-hams@ucsd.edu

The following files were processed Saturday 2-26-94:

HAMNEWS [HAM: Bulletins and Newsletters]

ARLB020.ZIP	(690 bytes)	ARRL Bulletin 02/22/94 - SM election results
ARLK007.ZIP	(2010 bytes)	Keplerian Bulletin 02/19/94
ARLX008.ZIP	(817 bytes)	Special Bulletin 02/17/94 - Invitation to Cuba
GM4AUP.ZIP	(4937 bytes)	RSGB President GM4AUP speech 02/20/94 to Sandown Park VHF Convention
IRTS0220.ZIP	(2609 bytes)	IRTS News Bulletin 02/20/94
OPDX148.ZIP	(4258 bytes)	Oh / Pa DX Bulletin 02/21/94
RSGB0227.ZIP	(8063 bytes)	RSGB Bulletin 02/27/94
RTDX0218.ZIP	(1922 bytes)	RTTY DX Bulletin 02/18/94
WICEN44.ZIP	(2544 bytes)	WICEN Bulletin 02/20/94

27850 bytes in 9 file(s)

HAMPACK [HAM: Packet Communications programs]

SELCAL13.ZIP	(21268 bytes)	Marine SITOR SECAL translator
--------------	----------------	-------------------------------

21268 bytes in 1 file(s)

HAMSAT [HAM: Satellite tracking and finding programs]

OBS056.ZIP	(5225 bytes)	Amsat Orbital Elements #056 02/25/94
PCTRK30A.ZIP	(282757 bytes)	3D Satellite orbit visualization 1/2
PCTRK30B.ZIP	(323898 bytes)	3D Satellite orbit visualization 2/2
SPC0228.ZIP	(3277 bytes)	Space Bulletin 02/28/94
TRAK300A.ZIP	(214116 bytes)	TrakSat v3.00 Satellite Tracking Pgm
TRAK300B.ZIP	(189047 bytes)	TrakSat v3.00 Satellite Tracking Pgm

1018320 bytes in 6 file(s)

HAMSWL [Shortwave Schedules and programs]

CSM.ZIP	(1601 bytes)	Christian Science Monitor SWBC Sked update - 03/08/94 to 09/28/94
---------	---------------	---

SWRADIO.ZIP (42834 bytes) SW Radio Construction on a budget

44435 bytes in 2 file(s)

Total of 1111873 bytes in 18 file(s)

Files are available via Anonymous-FTP from ftp.fidonet.org
IP NET address 140.98.2.1 for seven days. They are mirrored
to ftp.halcyon.com and are available for 60-90 days.

Directories are:

- pub/fidonet/ham/hamnews (Bulletins)
- /hamant (Antennas)
- /hamsat (Sat. prg/Amsat Bulletins)
- /hampack (Packet)
- /hamelec (Formulas)
- /hamtrain (Training Material)
- /hamlog (Logging Programs)
- /hamcomm (APLink/JvFax/Rtty/etc)
- /hammods (Equip modification)
- /hamswl (SWBC Skeds/Frequencies)
- /hamscan (Scanner Frequencies)
- /hamutil (Operating aids/utils)
- /hamsrc (Source code to programs)
- /hamdemo (Demos of new ham software)
- /hamnos (TCP/IP and NOS related software)

Files may be downloaded via land-line at (214) 226-1181 or (214) 226-1182.
1.2 to 16.8K, 23 hours a day .

When ask for Full Name, enter: Guest;guest <return>

lee - ab5sm
Ham Distribution Net

* Origin: Ham Distribution Net Coordinator / Node 1 (1:124/7009)

Date: 3 Mar 1994 17:43:05 GMT
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!gatech!
newsxfer.itd.umich.edu!news.itd.umich.edu!rees@network.ucsd.edu
Subject: Madison to Kalamazoo info...
To: info-hams@ucsd.edu

In article <2l33hc\$517@spool.cs.wisc.edu>, jason@yar.cs.wisc.edu (Jason Hanson) writes:

In addition, any info on Kalamazoo sights (romantic or otherwise) would be helpful.

The best route from Madison to Kazoo is via the Lake Michigan ferry, the Badger. But it doesn't operate this time of year.

The premier tourist attraction in Kazoo used to be the Gibson guitar factory. Now it's the brewery.

Check Hunt's Guide for other things to see and do.

Date: 28 Feb 94 17:15:22 GMT
From: nprdc!ihnp4.ucsd.edu!sdd.hp.com!saimiri.primate.wisc.edu!kbad.eglin.af.mil!rpi!psinntp!psinntp!pixar!bruce@network.ucsd.edu
Subject: No more FCC Daily Digest postings to rec.radio.amateur.misc
To: info-hams@ucsd.edu

Since the FCC Daily Digests are now available via anonymous FTP to FCC.GOV, I won't be posting any more of them to this newsgroup.

I do hope that you will retrieve and read the digests often. It's critically important for us to follow and understand the FCC's operations.

Thanks

Bruce Perens

Date: 4 Mar 94 13:43:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS\$063.MISC.AMSAT
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-063.M
Orbital Elements 063.MISC

HR AMSAT ORBITAL ELEMENTS FOR MANNED AND MISCELLANEOUS SATELLITES
FROM WA5QGD FORT WORTH,TX March 4, 1994
BID: \$ORBS-063.M
TO ALL RADIO AMATEURS BT

Satellite: POSAT

Catalog number: 22829
Epoch time: 94045.75585944
Element set: 254
Inclination: 98.6608 deg
RA of node: 122.7699 deg
Eccentricity: 0.0009759
Arg of perigee: 191.0097 deg
Mean anomaly: 169.0872 deg
Mean motion: 14.28003980 rev/day
Decay rate: 7.2e-07 rev/day^2
Epoch rev: 2022
Checksum: 326

Satellite: MIR
Catalog number: 16609
Epoch time: 94061.02012332
Element set: 154
Inclination: 051.6205 deg
RA of node: 003.6927 deg
Eccentricity: 0.0004649
Arg of perigee: 015.8866 deg
Mean anomaly: 344.2953 deg
Mean motion: 15.60576251 rev/day
Decay rate: 1.2762e-04 rev/day^2
Epoch rev: 45933
Checksum: 285

Satellite: HUBBLE
Catalog number: 20580
Epoch time: 94060.95287285
Element set: 452
Inclination: 028.4689 deg
RA of node: 204.7466 deg
Eccentricity: 0.0006400
Arg of perigee: 049.7311 deg
Mean anomaly: 310.4334 deg
Mean motion: 14.90500352 rev/day
Decay rate: 4.86e-06 rev/day^2
Epoch rev: 01337
Checksum: 280

Satellite: GRO
Catalog number: 21225
Epoch time: 94056.01798028
Element set: 67
Inclination: 028.4620 deg
RA of node: 290.4640 deg
Eccentricity: 0.0003856

Arg of perigee: 037.8429 deg
Mean anomaly: 322.2943 deg
Mean motion: 15.40194914 rev/day
Decay rate: 4.590e-05 rev/day^2
Epoch rev: 03962
Checksum: 295

Satellite: UARS
Catalog number: 21701
Epoch time: 94050.07315151
Element set: 479
Inclination: 056.9834 deg
RA of node: 272.3681 deg
Eccentricity: 0.0002165
Arg of perigee: 100.1172 deg
Mean anomaly: 260.0857 deg
Mean motion: 14.96377326 rev/day
Decay rate: 3.162e-05 rev/day^2
Epoch rev: 13325
Checksum: 272

/EX

Date: 1 Mar 94 09:24:51 GMT
From: nprdc!ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!
europa.eng.gtefsd.com!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
tcj@network.ucsd.edu
Subject: Probable demise of the online repeater directory project
To: info-hams@ucsd.edu

John E. Taylor III (rohvm1.mah48d@rohmmaas.com) wrote:

> I'm an ARRL member, and considering ARRL put a fair amount of effort
> into compiling the Repeater Directory, I'd feel they weren't using
> my money wisely if they did _not_ enforce their copyright to the
> Directory.

I replied:

> I'm an ARRL member, too, but I couldn't disagree more with John's
> opinion on this issue....While I certainly recognize the ARRL's
> right and obligation to protect its commercial interests, its
> primary purpose is supposed to be furthering the art and practice of
> amateur radio. When these two objectives come into conflict I for
> one expect it League to support the latter objective without even a
> moment of hesitation.

John responds:

> Me, too. I'm not saying we don't _need_ an on-line repeater
> directory; I think one would be great. All I was pointing out is
> that copyright law says that your compilation of facts, and its
> particular presentation, is _yours_....Anybody who wants to compile
> a list of repeaters and publish it, electronically or otherwise, in
> their _own format_, is free to do so

On second look, it appears that you and I may be in "violent agreement" after all, John. It's this business about "format" that appears to be at the heart of the matter.

I don't think anyone has yet contested the fact that the *data* itself is not protected by copyright law. Several folks have cited a precedent in which the court found in favor of a company that had been sued by a telephone company for republishing information from its white pages, even though this information included errors that were specifically designed to uncover this kind of activity. Given this, I imagine that the League would be hard pressed to win a court case, even if it could demonstrate that the *data* had been lifted directly from their directory.

So the question remains: exactly how does the *format* of N2JWQ's compilation infringe on that of the ARRL directory? It's true that the data items in the Directory are a subset of N2JWQ's database, but this doesn't seem like an infringement to me since all of these data items could be independently verified by just about anybody with an HT. And while I readily recognize that the League deserves credit for the resources they devoted to compiling this data, I don't believe this *effort* is protected by copyright law either.

Based on my own inspection of N2JWQ's data, the only potential infringement I can find is the codification scheme used to describe a repeater's class of access (e.g. o=open, c=closed, etc.) While I would consider this nit-picking on the part of the League, it really isn't worth worrying about since it would be a trivial matter to convert these codes to some other representation.

Even if I put aside my irritation with the League for impeding a project that would add tremendous value to the usability of this data, I still can't understand exactly how the League perceives that N2JWQ has infringed on its copyright. If I were to photocopy their Directory and sell my version for \$4 instead of \$6, then I think they'd have a damn good case against me. But from my point of view, nothing like that has occurred here.

Todd, KB6JXT

Date: Thu, 3 Mar 1994 16:24:12 GMT
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!
cs.utexas.edu!gerald.cc.utexas.edu!portal.austin.ibm.com!awdprime.austin.ibm.com!
blood@network.ucsd.edu
Subject: QST review of Dual-Bander HTs
To: info-hams@ucsd.edu

I have done the mods and the th78 will NOT xmit below 137 mHZ or so.

Date: 1 Mar 94 11:13:11 GMT
From: nprdc!ihnp4.ucsd.edu!agate!howland.reston.ans.net!pipex!bbc!ant!
boyer@network.ucsd.edu
Subject: Satellite progs on World
To: info-hams@ucsd.edu

Scott Ehrlich (wylz@netcom.com) wrote:

: I have now placed some satellite tracking programs on World:

: - stsplus.zip

: - stsortbit.zip

: - traksat {trak300a.zip & trak300b.zip} (latest version of traksat)

: They are available via anonymous FTP via

: ftp ftp.std.com:/pub/hamradio/pc/satellite

Just a short comment. I have traksat and it is really great and dead easy to use.

John B
John.boyer@rd.eng.bbc.co.uk

Date: 1 Mar 94 11:24:20 GMT
From: nprdc!ihnp4.ucsd.edu!agate!howland.reston.ans.net!pipex!bbc!ant!
boyer@network.ucsd.edu
Subject: Software for DOS-PC for decoding Morse
To: info-hams@ucsd.edu

Sasse (tt1h@dv.st.dlr.de) wrote:

: I am no radio amateur but enjoy listening to world radio. I am looking for
: software to decode Morse with (DOS). Who can help?

There is a program called Hamcomm ver 2.2 that will decode morse via a
very simple single op-amp interface. It is dos based I think you can get
it from ftp.funet.fi. If not try archie.
Oh yes I alost forgot it does rtty as well.

John B
John.boyer@rd.eng.bbc.co.uk

Date: 4 Mar 94 19:42:58 GMT
From: news-mail-gateway@ucsd.edu
Subject: SUBSCRIBE
To: info-hams@ucsd.edu

Please add me to your mail list.
Thanks!
Tom KA8HUZ

Date: Thu, 3 Mar 1994 15:52:38 GMT
From: ihnp4.ucsd.edu!newshub.sdsu.edu!ucsnews!sol.ctr.columbia.edu!
howland.reston.ans.net!gatech!wa4mei!ke4zv!gary@network.ucsd.edu
To: info-hams@ucsd.edu

References <rcrw90-280294091343@waters.corp.mot.com.corp.mot.com>,
<CSLE87-020394103111@145.39.1.10>, <CM2IAr.H43@ucdavis.edu>
Reply-To : gary@ke4zv.atl.ga.us (Gary Coffman)
Subject : Re: On-line Repeater Directory

In article <CM2IAr.H43@ucdavis.edu> ez006683@chip.ucdavis.edu (Daniel D. Todd)
writes:

>
>Gary thinks that RICO is a violation of basic civil rights and as such
>should not be brought to bear against anybody because you could
>prosecute under other existing laws based upon actions rather than
>intent nad if we let the government (RICO is a criminal recourse) get
>their foot in the door we could end up with Janet and the ATF in
>Newington if we aren't careful.

That's right on, good mind reading. While I think the ARRL position is
shaky at best here, I don't want to see tanks rumbling down Main St.
in Newington either. The BATF and FBI death squads are already bad

enough, let's not have the Copyright Office or the FCC start donning
ninja suits and slaughtering Americans too.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

Date: Thu, 3 Mar 1994 16:16:21 GMT

From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!gatech!
wa4mei!ke4zv!gary@network.ucsd.edu

To: info-hams@ucsd.edu

References <1994Mar2.144907.26098@bongo.tele.com>, <CM2960.93I@ucdavis.edu>,
<2l3nuj\$pr@bigfoot.wustl.edu>

Reply-To : gary@ke4zv.atl.ga.us (Gary Coffman)

Subject : Re: JARGON

In article <2l3nuj\$pr@bigfoot.wustl.edu> jlw3@cec3.wustl.edu (Jesse L Wei) writes:

>Now this is my question: do hams *ever* talk about anything besides what
>kind of rig (s)he's got, ham problems, ham equipment, etc? As a waiting
>(as in for my ticket) prospective, I've listened to the local repeaters,
>and personally, the conversations seem pretty boring if that's all you
>ever talk about. Have I missed anything? or something? Is the purpose
>of ham radio to talk about the technicalities of it? I know that the
>whole nature of it requires technicality, but isn't there more to
>it than that?

Sure. Hams also talk about their operations and illnesses a lot. Old
people tend to be sick a lot. And then there's the continuous blather
about traffic. One rare occasions you'll stumble across a group that
actually will tackle interesting topics. Some hams have a life outside
radio. For the last two mornings, the discussion on my repeater has
centered on restoring old Dodge Powerwagons. We also freely discuss
politics, Unix wizard tricks, and the merits of .410 shotshell derringers
versus .22 Mag derringers as belly guns. We try to keep the ham radio
related discussions off-line and handle that at lunches and over the
telephone. Seems somehow "business related" to talk about radio on
the radio.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary

534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | | |

Date: Fri, 4 Mar 1994 14:37:56 GMT
From: news.acns.nwu.edu!math.ohio-state.edu!howland.reston.ans.net!
news.moneng.mei.com!uwm.edu!mixcom.com!kevin.jessup@network.ucsd.edu
To: info-hams@ucsd.edu

References <kmeyer.3b0x@bbs.xnet.com>, <1994Mar2.175938.12119@alw.nih.gov>,
<1994Mar3.144159.3607@ke4zv.atl.ga.us>
Subject : Re: Further criminalization of scanning

>>public about what is going on. The public will demand encrypted
>>cordless phones and the manufacturers will deliver. Then the radio
>>voyeurs have more challenges to liven up the sport :-). All the law is
>>going to do is damage the lives of the very few people who get caught and
>>damage the lives of the many who blab all sorts of confidential information
>>on their cordless phones.

I agree. I really have no interest in listening to cordless or cellular
conversations. As an amateur radio operator and EE, I either own or, if
the challenge arose, could build the equipment needed to monitor.

Once the government starts making the interception of certain signals
illegal, therein lies the challenge! Once you have something "cracked"
the fun is gone, IMHO. Same for digital encryption. The fun is in
cracking the code. Or at least getting to that point. Once the code
is cracked, it's time to move on. The only way to know if any
encryption method is secure is to ENCOURAGE people to crack it. As
with monitoring cellular and cordless phones, passing laws does
nothing. Same with digital encryption. If you have to pass a law
against breaking a code, how good is the code in the first place??

If you find such things interesting, check out sci.crypt, also on
the internet.

--
/`- _ kevin.jessup@mixcom.com
{ }/ Marquette Electronics, Inc
 \ / N9SQB, ARRL, Amateur Radio
 |__*| N9SQB @ WD9ANY.#MKE.WI.USA.NA

End of Info-Hams Digest V94 #238
